

Data File : VW009021.D
Acq On : 06 Mar 2019 17:55
Operator : SY/VA
Sample : VW0306SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0306SBS01

Manual Integrations
APPROVED

MMDadoda
3/8/2019 12:07:14 AM

Quant Time: Mar 07 07:43:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030619S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:22:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	278518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	395954	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	383564	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	220154	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	158432	56.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.40%	
35) Dibromofluoromethane	7.88	113	134866	56.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.16%	
50) Toluene-d8	10.32	98	564374	57.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.24%	
62) 4-Bromofluorobenzene	12.62	95	211581	55.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	68378	24.714	ug/l	100
3) Chloromethane	2.21	50	78433	22.506	ug/l	93
4) Vinyl Chloride	2.36	62	77509	22.194	ug/l	99
5) Bromomethane	2.75	94	61333	19.999	ug/l	97
6) Chloroethane	2.90	64	54481	22.002	ug/l	97
7) Trichlorofluoromethane	3.25	101	99171	22.045	ug/l	95
8) Diethyl Ether	3.68	74	30744	21.893	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	60936	21.829	ug/l	99
10) Methyl Iodide	4.27	142	62525	22.985	ug/l	98
11) Tert butyl alcohol	5.16	59	24843m	124.026	ug/l	
12) 1,1-Dichloroethene	4.03	96	54427	22.375	ug/l	91
13) Acrolein	3.90	56	28147	122.846	ug/l	98
14) Allyl chloride	4.67	41	93622	22.262	ug/l	99
15) Acrylonitrile	5.37	53	70555	117.359	ug/l	97
16) Acetone	4.13	43	67454	117.534	ug/l	97
17) Carbon Disulfide	4.37	76	179154	21.977	ug/l	100
18) Methyl Acetate	4.68	43	29822	22.794	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	147565	23.434	ug/l	99
20) Methylene Chloride	4.92	84	68801	22.356	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	60929	21.898	ug/l	95
22) Diisopropyl ether	6.31	45	190298	22.661	ug/l	98
23) Vinyl Acetate	6.26	43	609301	116.497	ug/l	98
24) 1,1-Dichloroethane	6.21	63	109772	22.481	ug/l	98
25) 2-Butanone	7.17	43	96190	117.818	ug/l	96
26) 2,2-Dichloropropane	7.17	77	98771	22.114	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	64864	22.145	ug/l	99
28) Bromochloromethane	7.51	49	46445	21.913	ug/l	99
29) Tetrahydrofuran	7.53	42	62538	121.928	ug/l	97
30) Chloroform	7.68	83	112210	22.445	ug/l	100
31) Cyclohexane	7.95	56	110814	22.069	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	103768	22.598	ug/l	96
36) 1,1-Dichloropropene	8.08	75	90820	23.068	ug/l	99
37) Ethyl Acetate	7.26	43	41261	23.694	ug/l	98
38) Carbon Tetrachloride	8.07	117	89935	22.074	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	106197	22.328	ug/l	98
40) Benzene	8.32	78	238781	22.485	ug/l	99
41) Methacrylonitrile	7.48	41	23271	22.529	ug/l	94
42) 1,2-Dichloroethane	8.40	62	76816	22.538	ug/l	99
43) Isopropyl Acetate	8.43	43	81022	23.668	ug/l	99
44) Trichloroethene	9.09	130	67096	22.660	ug/l	94
45) 1,2-Dichloropropane	9.37	63	60184	22.861	ug/l	98
46) Dibromomethane	9.46	93	32357	22.279	ug/l	96
47) Bromodichloromethane	9.64	83	81479	22.379	ug/l	98
48) Methyl methacrylate	9.43	41	36364	22.480	ug/l	94
49) 1,4-Dioxane	9.45	88	9765	491.829	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	208948	120.700	ug/l	99
52) Toluene	10.39	92	158873	22.161	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	83372	23.084	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	95085	23.062	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	45670	23.152	ug/l	99
56) Ethyl methacrylate	10.65	69	58091	23.807	ug/l	97
57) 1,3-Dichloropropane	10.93	76	81009	23.353	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	149407	115.393	ug/l	99
59) 2-Hexanone	10.97	43	151019	124.092	ug/l	97
60) Dibromochloromethane	11.13	129	54784	22.865	ug/l	99
61) 1,2-Dibromoethane	11.23	107	43766	23.408	ug/l	100
64) Tetrachloroethene	10.86	164	59221	22.361	ug/l	98
65) Chlorobenzene	11.66	112	177633	22.312	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	60838	22.754	ug/l	97
67) Ethyl Benzene	11.73	91	320758	22.221	ug/l	99
68) m/p-Xylenes	11.84	106	255866	44.922	ug/l	99
69) o-Xylene	12.16	106	120206	22.607	ug/l	99
70) Styrene	12.18	104	194117	22.536	ug/l	99
71) Bromoform	12.35	173	31607	22.187	ug/l #	95
73) Isopropylbenzene	12.46	105	326950	21.697	ug/l	99
74) N-amyl acetate	12.27	43	84677	23.585	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	51761	22.022	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	30305m	17.368	ug/l	
77) Bromobenzene	12.75	156	76422	22.402	ug/l	98
78) n-propylbenzene	12.80	91	405890	21.940	ug/l	99
79) 2-Chlorotoluene	12.90	91	231216	22.135	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	291085	22.508	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	16096	22.826	ug/l	95
82) 4-Chlorotoluene	12.99	91	239398	21.546	ug/l	98
83) tert-Butylbenzene	13.21	119	240834	21.613	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	295607	22.328	ug/l	100
85) sec-Butylbenzene	13.38	105	359786	22.133	ug/l	99
86) p-Isopropyltoluene	13.50	119	320182	21.883	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	159771	21.877	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	157317	21.719	ug/l	98
89) n-Butylbenzene	13.83	91	306325	22.114	ug/l	99
90) Hexachloroethane	14.10	117	51972	20.734	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	142522	22.305	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9840	22.905	ug/l	99

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Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	101290	23.150	ug/l	99
94) Hexachlorobutadiene	15.24	225	61994	22.291	ug/l	97
95) Naphthalene	15.37	128	168002	23.682	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	90477	23.884	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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